

Sheet 1 of 1Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV. 2-83)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY SERIAL NO. FILING DATE GROUP APPLICANT
DOCKET NO.D-2131^{10 ex}20/665,49009/22/2003Minoru Hiragaki

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C CLASS	TRANSLATION YES NO
BIC	2002-146921	05/22/02	Japan			X
	11-93259	04/06/99	Japan			X
	4-285232	10/09/92	Japan			X
	3-228938	10/09/91	Japan			X
	5-51999	03/02/93	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--	--

EXAMINER <i>Buel Kelt</i>	DATE CONSIDERED <i>2/15/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV. 2-83)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY SERIAL NO. FILING DATE GROUP APPLICANT
DOCKET NO.

D-2131 09/22/2003 Minoru Hiragaki

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-C LASS	TRANSLATION YES NO
<i>BK</i>		2002-146921	05/22/02	Japan			X
		11-93259	04/06/99	Japan			X
		4-285232	10/09/92	Japan			X
		3-228938	10/09/91	Japan			X
		5-51999	03/02/93	Japan			X
		49-118512	10/09/74	Japan			X
		3-176526	07/31/91	Japan			X
		51-40111	03/25/76	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--	--

EXAMINER <i>Boat Kell</i>	DATE CONSIDERED <i>2/15/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	